## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE    |  |  |  |  |  |
|---------------------------|----------|--------|---------|--|--|--|--|--|
| FEE DETERMINATION         |          |        |         |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | シリ     | 0/3/    |  |  |  |  |  |
| FORMALITY REVIEW          | iei      | 103C   | 3-21-01 |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | 91       |        |         |  |  |  |  |  |

## INDEX OF CLAIMS

| ✓ Rejected                                     | N Non-elected  |
|--|----------------|
| = Allowed                                      | I Interference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal       |
| ÷ Restricted                                   | O Objected     |

|                | <del>-</del>   |           |          |          |              |  |          |           |                 |          |          |              |         |          |          |           |          |          |          |          |          |          |          |          |            |           |          |              |  |              |           |           |   |          |
|----------------|----------------|-----------|----------|----------|--------------|--|----------|-----------|-----------------|----------|----------|--------------|---------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|-----------|----------|--------------|--|--------------|-----------|-----------|---|----------|
| Clai           | im Date        |           |          |          |              |  |          | Cla       | ıim             | m Date   |          |              |         |          |          |           |          |          | Cta      | im       | Date     |          |          |          |            |           |          |              |  |              |           |           |   |          |
| Final          | Original       | 2/24/5    | 1018     | 2/2      |              |  |          |           |                 |          |          | Final        | onginal | C9/8//01 |          |           |          |          |          |          |          |          |          | Final    | Original   |           |          |              |  |              |           |           |   |          |
| <del>-  </del> | র              | Ť         | /=       | 忶        | 1            | $\vdash$   | ┢        |           | $\vdash$        | $\top$   | 1        | <del>-</del> | 51      |          |          | $\neg$    |          |          |          |          | $\neg$   |          | 7        |          | 101        | <b>†</b>  | ⇈        | 1            |  |              |           |           |   |          |
| $\vdash$       | 2              | 1         | -        | ì        | 1            |  | ╁        |           | H               | $\dashv$ | 1        |              | 52      | 1        |          |           |          | _        | 7        |          | 7        | _        | ┪        |          | 102        | $\dagger$ | 1        | 1            | i —  |              | П         |           | _ | _        |
| $\vdash$       | 3              | H         | Н        | Н        | +            | $\vdash$   |          |           | Н               | +        | ┨        | $\vdash$     | 53      | $\vdash$ |          | $\neg$    | $\dashv$ |          |          |          | 1        | _        | _        |          | 103        | +         | 十一       | -            | <del>                                     </del> |              |           |           |   |          |
| <del>  </del>  | 4              | H         | H        | ╁        | H            | $\vdash$   | ⊢        |           | $\vdash$        | +        | ┪        | $\vdash$     | (54)    | +        |          | $\dashv$  | $\dashv$ |          |          | $\neg$   | +        | _        | =        | H        | 104        | +-        | ┢        | -            |  |              | -         |           | _ | $\vdash$ |
|                | <u>=</u>       | H         | H        | ++       | ╁            | <del>                                     </del> | $\vdash$ |           | $\vdash$        | -        | ┪        | $\vdash$     | 55      | $\vdash$ | $\neg$   |           | $\dashv$ | _        | _        | _        | -        | _        |          | Н        | 105        | +         | t        | t            | <u> </u>   | -            |           |           |   | $\vdash$ |
| 1-4            | 6              | 1         | H        | +        | H            | ┢╌   | H        |           | -               | -        | ┨        | $\vdash$     | (56)    | +        | $\dashv$ | $\dashv$  | $\neg$   |          |          |          | $\dashv$ | $\top$   | _        | $\vdash$ | 106        | +-        | 十        | t            | <del> </del>                                     | <del> </del> | -         |           |   | $\vdash$ |
| $\vdash$       | 7              | Н         | 3        | Ė        | =            | $\vdash$   | H        |           | -               | +        | ┪        | $\vdash$     | 57      | +        |          | 寸         | 一        |          |          | -        | 寸        | 1        | ┪        | Н        | 107        | +         | 1        | <del> </del> | -  |              | _         | T         |   | $\Box$   |
|                | 8              | H         | 7        | ₽        | ī            | -  |          | _         | -               | -        | ┨        |              | 58      | 7        |          | 寸         | $\neg$   |          |          | ┪        | 寸        | _        | 7        |          | 108        | $\top$    |          | 1            |  |              |           |           |   |          |
| 4              | Þ              | Н         | 7        | 1        | ۲            | $\vdash$   | H        |           | $\vdash$        | +        | D.       | $\vdash$     | 59      | -        |          |           | $\dashv$ |          | $\neg$   |          | $\dashv$ | _        | ┨        |          | 109        | $\top$    | T        | Т            |  |              | П         |           |   | _        |
| $\vdash$       | 10             | Η         | +        | H        | $\vdash$     | Н  |          |           |                 | $\top$   | ٦.       |              | 60      |          |          | $\neg$    | _        |          |          | 一        | 寸        |          | 7        |          | 110        | $\top$    |          |              | _  |              |           |           |   |          |
| H              | 1              | H         | H        | H        | t            | H  | Н        |           | $\vdash$        | $\top$   | ┨        |              | 61      |          |          | $\exists$ |          |          | $\dashv$ | ┪        | T        | $\top$   | 1        |          | 111        | $\top$    | 1        | 1            |  |              |           |           |   |          |
|                | 12             | +         | H        | H        | 1            | $\vdash$   | $\vdash$ | $\vdash$  | H               | $\dashv$ | 1        |              | 62      | Н        |          |           |          | 7        | $\dashv$ | 7        | _        | +        | 7        | -        | 112        | $\top$    | $\vdash$ | Т            | $\vdash$   |              | $\vdash$  |           |   |          |
|                | 13             | H         | $\dag$   | #        | †            | <u> </u>   | Н        | $\vdash$  | $\vdash$        | +        | 1        |              | 63      | Н        |          |           | $\neg$   | $\dashv$ | -1       | 7        | 寸        | $\dashv$ | 1        |          | 113        | $\top$    | Τ        |              |  |              | $\Box$    |           |   |          |
|                | 14             | H         | H        | ╫        | 1-           |  | Н        |           | $\vdash$        | +        | 1        | H            | 64      | Н        | $\neg$   | $\neg$    | $\dashv$ | $\dashv$ | $\dashv$ | 7        | _        | $\dashv$ | 7        |          | 114        | $\top$    | Τ        | 1            |  | П            |           |           |   |          |
|                | 15             | +         | +        | #        | †            |  | Н        | $\vdash$  | $\vdash$        | +        | ┨        | $\vdash$     | 65      | Н        |          |           | $\dashv$ | _        | _        | _        | $\neg$   | $\dashv$ | 7        |          | 115        | 7         | 1        | 1            | Ι-   |              | $\Box$    |           |   |          |
| -              | 15             | $\forall$ | H        | ╁        | $\vdash$     |  | Н        | $\vdash$  |                 | +        | 1        | $\vdash$     | 66      |          |          | $\dashv$  |          |          |          | $\dashv$ | $\dashv$ | $\top$   | 7        |          | 116        | 1         | T        | T            |  | $\Box$       | $\exists$ |           |   |          |
| H              | 17             | H         | H        | H        | t            |  | Н        |           | $\vdash$        | $\dashv$ | ┨        | $\vdash$     | 67      | _        |          | ヿ         | $\neg$   |          |          | $\dashv$ | 1        | $\top$   |          |          | 117        |           | ✝        | l            | T  |              |           |           |   |          |
|                | 18             | $\vdash$  | +        | H        | $\vdash$     | -  |          |           | H               | +        | 1        | -            | 68      |          |          | _         | -        |          | 7        | $\dashv$ | _        | _        | 7        |          | 118        | +         | -        | 1            |  |              |           |           |   |          |
|                | 10             | H         | 1        | v        | 1            | -  | -        |           |                 | +        | 1        |              | 69      |          |          |           | -        | $\neg$   | $\dashv$ | $\dashv$ | _        | _        | 7        |          | 119        | ┰         | 1        |              | <del>                                     </del> |              |           |           |   |          |
| -              | 20             | H         | 5        | +        | -            |  | H        | _         | $\vdash$        | +        | ┪        | $\vdash$     | 70      | Н        |          | $\dashv$  | $\dashv$ | $\dashv$ | _        | _        | $\dashv$ | $\neg$   | ┪        |          | 120        | +-        | ✝        | $\vdash$     | $\vdash$   |              | $\neg$    |           | _ |          |
| -              |                | H         | ~        | _        | +            |  | -        |           |                 | +        | $\dashv$ | $\vdash$     | 71      |          |          | $\dashv$  | -        | $\dashv$ |          |          | $\dashv$ | +        | $\dashv$ | -        | 121        | +         | $\vdash$ | ╁            | $\vdash$   | $\vdash$     |           | $\dashv$  | - | -        |
|                | 21             | Н         |          | Y.       | V            |  | $\vdash$ |           | $\vdash$        |          | -        | $\vdash$     | 72      | Н        |          |           | $\dashv$ | _        | $\dashv$ | -+       | $\dashv$ |          | ᅱ        | $\vdash$ | 122        | ╁╴        | $\vdash$ | ╁            |  |              |           | $\dashv$  |   |          |
|                | 22             | H         | H        | ╁╂       | ₩            |  |          |           |                 | -        | -{       | $\vdash$     | 73      | Н        | -        | $\dashv$  | -        |          | -        |          |          | +        | ┪        |          | 123        | +         | +-       | ┼─           |  | _            |           | ᅱ         | _ |          |
| +              | 23             | H         | 1        | ┨        | <u> </u>     | H  | ⊢        |           | -               | +        | ┨        | $\vdash$     | 74      | Н        |          | $\dashv$  | -        | $\dashv$ |          |          | -        | +        | $\dashv$ | -        | 124        | +         | ╁        | ├-           | -  | -            | -         |           | _ |          |
|                | 4              | 1         | Н        | ₩        | ١.,          | -  | -        |           | H               | +        | 4        | $\vdash$     | 75      |          | $\dashv$ | $\dashv$  | -        | +        | $\dashv$ | -        | -        | +        | -        | $\vdash$ | 125        | +         | ┼~       |              | -  |              |           |           | _ |          |
|                | 25<br>46       | 1         | H        | Н        | <b>V</b>     | -  |          |           | $\vdash$        | +        | ┨        | $\vdash$     | 76      |          |          | $\dashv$  | $\dashv$ |          |          | $\dashv$ | $\dashv$ | +        | -        | _        | 126        | ╁         | -        | -            |  | Н            |           | $\dashv$  |   |          |
| H              | 1°7            | H         | H        | H        | ┼            |  | -        |           | H               | +        | $\dashv$ | -            | 77      | Н        | $\vdash$ |           |          | -        | -        | $\dashv$ | $\dashv$ | -        | $\dashv$ |          | 127        | ┿         | ┢        | ┝            |  | $\vdash$     | $\dashv$  | $\dashv$  |   |          |
|                |                | H         | H-       | ₩        | ╁            | $\vdash$   |          |           | $\vdash$        |          |          | -            | 78      |          | -        |           |          | -        | $\dashv$ | $\dashv$ | -+       | -        | -        | $\vdash$ | 128        | +         | $\vdash$ | -            | -  |              |           | $\dashv$  |   | -        |
|                | 28<br>29       | ۲(        | Н-       | ++-      | +-           | $\vdash$   | H        |           | H               |          | -        |              | 79      |          |          |           | -        | -        | $\dashv$ |          | -        |          | $\dashv$ | $\vdash$ | 129        | +         | -        | -            | ┝  | Н            | $\dashv$  | -         |   |          |
| $\vdash$       | <del>4</del>   | H         | H        | ₩        | -            | ⊢  |          |           | $\vdash$        |          | -        | -            | 80      |          |          |           | -        | -        | $\dashv$ |          |          | -        | $\dashv$ |          | 130        | +-        | -        | -            |  |              |           |           | - |          |
| $\vdash$       | #              | H         | Н        | н        | $\vdash$     | $\vdash$   |          |           | H               | -        | _        | $\vdash$     | 81      | -        |          | $\dashv$  | $\dashv$ | -1       |          |          | $\dashv$ | +        | $\dashv$ |          | 131        | +         | <u> </u> | $\vdash$     |  | $\neg$       |           | -         |   |          |
| $\vdash$       | 31             | 1.1       | Ц        | Н        | -            |  |          |           | $\vdash$        | +        | -        | $\vdash$     | 82      |          |          | -         | $\dashv$ |          |          |          | $\dashv$ | -        | -        |          | 132        | ╁         | ┢        | ⊢            | H  | -            |           |           |   |          |
|                |                | ~         | <b>Y</b> | H        | =            | $\vdash$   |          |           | Н               |          | -        | $\vdash$     | 83      | -        |          | $\dashv$  | $\dashv$ |          | -        | $\dashv$ | $\dashv$ |          | -        |          | 133        | +         | -        | -            | -  |              | -         | $\dashv$  |   |          |
| 14             | <u>33</u>      | ┝         | -        | Н        | -            | <del> </del>                                     | ŀ        |           | Н               |          | -        | $\vdash$     | 84      |          |          | $\dashv$  | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | -        | -        |          | 134        | +         | -        | $\vdash$     | <del> </del>                                     | =            |           | $\dashv$  |   |          |
| -              | 3¥<br>35       | -         | -        | H        | $\vdash$     | $\vdash$   | $\vdash$ | <b>  </b> | $\vdash$        |          | -        | -            | 85      | $\vdash$ | -        | $\dashv$  | $\dashv$ | $\dashv$ |          |          | $\dashv$ | +        | -        |          | 135        | +         | -        | +-           | -  | $\exists$    |           | -         |   | _        |
| -              | 30<br>36       | -         | -        | ₩        | +            | $\vdash$   | $\vdash$ | -         |                 | -        | +        | -            | 86      | $\vdash$ | $\vdash$ | -         |          |          |          | -        | $\dashv$ |          | $\dashv$ |          | 136        | +-        | $\vdash$ | +-           | -  | -            |           |           | _ | _        |
| -              | <del>3</del> 7 | -         | -        | H        | +            | -  | -        | -         | $\vdash$        | +        | -        | $\vdash$     | 87      | Н        | -        |           |          |          |          | $\dashv$ | $\dashv$ | +        | $\dashv$ |          | 137        | +         | $\vdash$ | +-           | $\vdash$   | -            |           |           | _ |          |
|                | *              | $\vdash$  | $\vdash$ | H        | +            | ├-   |          | $\vdash$  | $\vdash$        | +        | -        | -            | 88      | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ |          |          | $\dashv$ | $\dashv$ |          | -        | _        | 138        | +         | $\vdash$ | 1            |  | $\vdash$     |           | -         | - |          |
| H              | 3B<br>39       | -         | $\vdash$ | ₩        | +            | ├  | -        | H         | $\vdash \vdash$ | +        | $\dashv$ | $\vdash$     | 89      | $\vdash$ | $\dashv$ | -         | $\dashv$ | -        | -        | -1       | -+       | +        | -        |          | 139        | +-        | +        | -            | $\vdash$   |              | -         | $\dashv$  |   |          |
|                |                | -         | $\vdash$ | 1        | ╁            | $\vdash$   | $\vdash$ | H         | $\vdash$        | -        | $\dashv$ | $\vdash$     | 90      | $\vdash$ |          |           |          |          | $\dashv$ |          | $\dashv$ | +        | -        |          | 140        | +         | -        | $\vdash$     |  |              | $\vdash$  |           |   |          |
|                | 40             | <u> </u>  | $\vdash$ |          | <del> </del> | ₩  | <u> </u> | H         | $\vdash \vdash$ | -        | 4        | $\vdash$     |         | Н        |          |           |          | 4        | $\dashv$ |          | $\dashv$ | +        | $\dashv$ |          | 141        | +         | +-       | $\vdash$     |  |              | $\vdash$  | $\dashv$  |   | _        |
| i              | 41             | L         | <u> </u> | E        | _            | <u> </u>   | ļ        | L         | $\square$       | _        | 4        | <u>_</u>     | 91      | Ш        |          | _         |          | _        |          | $\dashv$ |          | -        | 4        |          |            |           | -        | <del> </del> | $\vdash$   | $\vdash$     |           | $\dashv$  |   |          |
|                | 42             | _         | L        | ٧        |              | ļ  | L        |           | Ш               |          | _        | <u>_</u>     | 92      | Щ        |          |           |          | _        |          |          | _        | -        | 4        | $\vdash$ | 142<br>143 | +         | $\vdash$ | -            | -  |              | $\vdash$  |           |   | _        |
|                | 43             |           | L        | <u> </u> | 14           | 1_   |          | <u> </u>  | <b>  </b>       |          | 4        | <u></u>      | 93      | Ш        |          |           |          | _        | _        | _        | _        | -        | 4        |          | _          | +-        | $\vdash$ | +-           | $\vdash$   | $\vdash$     |           | $\dashv$  |   |          |
|                | 44             | Ľ         | <u> </u> | L        | $\perp L$    | <u> </u>   | _        | <u> </u>  | Ш               | $\perp$  | 4        | _            | 94      |          |          | $\dashv$  | Щ        |          | _        | _        | _        | +        | _        |          | 144        | +         | -        | <del> </del> | <u> </u>   |              | $\square$ | $\dashv$  |   | _        |
|                | 45             |           | L        | 1        | 11           | $\perp$  | _        | L         |                 |          | 4        | _            | 95      | ļ        |          | _         |          | _        | _        | _        | _        | +        | 4        |          | 145        |           |          | -            | <u> </u>   | <u> </u>     | _         | $\dashv$  |   | -        |
|                | 46<br>47       | _         | _        | L        | #            |  | <u> </u> |           |                 | _        | 4        | <u></u>      | 96      | _        |          | _         | Щ        | _        | $\dashv$ | _        |          | +        | 4        |          | 146        | +         | +        |              |  | -            |           |           |   | -        |
|                |                |           | L        | 1        | 11           | <u> </u>   | <u> </u> | _         | Ш               | $\perp$  | 4        | $\vdash$     | 97      |          | Щ        | $\sqcup$  |          | _        |          | $\dashv$ | _        |          | 4        |          | 147        | +         | +        | -            | <u> </u>   | $\vdash$     |           | $\square$ | _ | <u> </u> |
|                | 48             | <u></u>   | L        | 1        | 11           | <u> </u>   | <u> </u> |           | Ш               | $\perp$  | 4        | _            | 98      | <u> </u> | Ш        |           |          |          | _        | _        | _        | +        | 4        |          | 148        | +         | ┼-       | ┼-           | _  |              | -         |           |   | -        |
|                | <b>6</b> 9     |           |          | 1        | Ц            | L.   |          | <u> </u>  | Щ               | $\perp$  | 4        | _            | 99      |          |          |           |          | _        | _        | _        | $\dashv$ | $\perp$  | 4        | <u> </u> | 149        | +         | +        |              | <u> </u>   | -            |           |           |   |          |
|                | 50             |           | L        | 1_       | 1            |  | _        | <u> </u>  |                 |          | ╛        |              | 100     | L        |          |           |          |          | 1        |          | _1       |          | ال       |          | 150        |           | 1        | Ц.,          | <u> </u>   | <u> </u>     |           |           |   |          |

If more than 150 claims or 10 actions staple additional sheet here